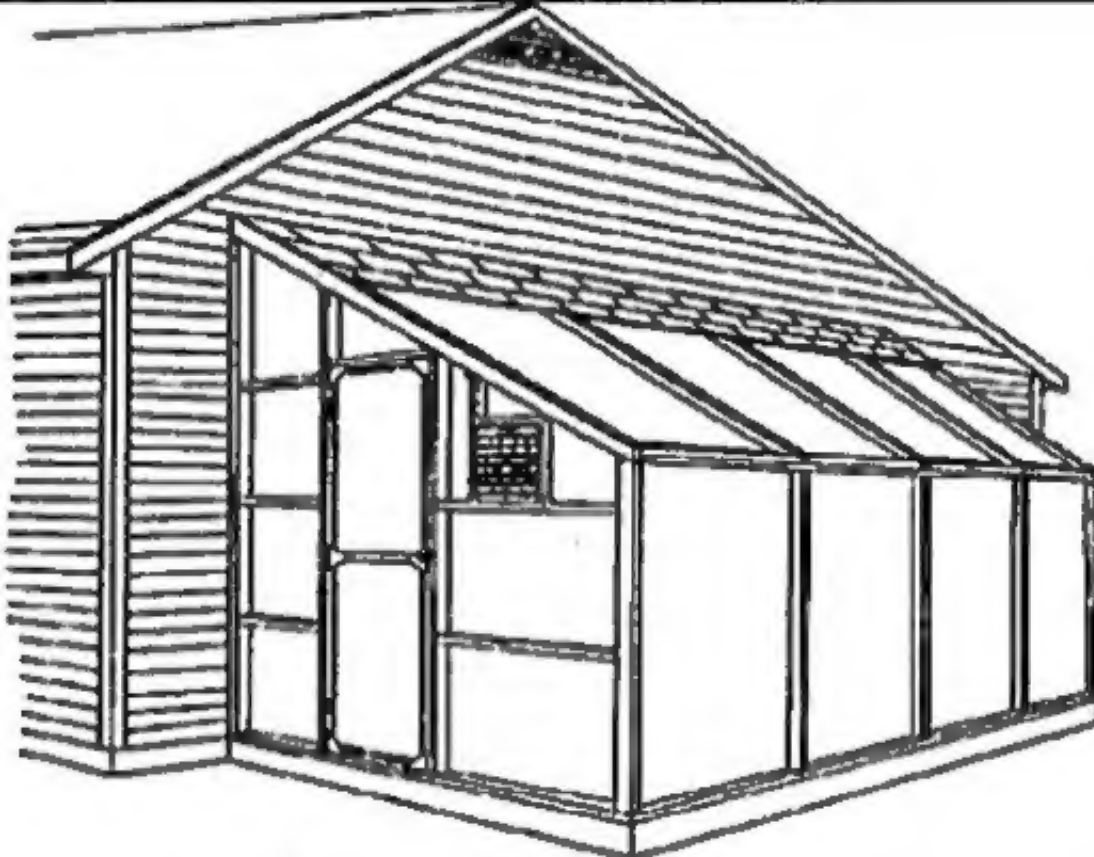


CONSTRUCTION NOTES



GLASS

SELECT A LEVEL, WELL DRAINED ONE, PROTECTED LOCATION SOUTH OR SOUTHEAST, EAST, WEST. PAINT POSTS, BRACES AND LINERS THAT IS NEAR THE GLASS WITH THREE COATS OF COPPER PATENT WHITE PAINT FOR PROTECTIVE.

CARE

USE CONSTRUCTION GRADE FOR LINERS, PAINT FRAME WITH AN EXTENDED WHITE PAINT WHEN CAN BE PLACED AT EITHER END. USE FLASHING BETWEEN HOUSING WALL AND GREENHOUSE BODY. CHECK ALL CRACKS.

GLASS

ROUND AND SMOOTH ALL EDGES FOR SPRING AND FALL USE. USE SINGLE LAYER OF 5/16" PLASTIC WITH THE PLASTIC HELD IN PLACE BY 7/16" CORNER STAPLS. FOR YEAR AROUND USE 2 LAYERS OF POLY-ETHYLENE WITH AN INSULATION SEPARATED BY A 2 1/2" SPACES. PLASTIC SHOULD BE APPLIED IN SEPTEMBER OR OCTOBER. A 1/2" CLEAR POLYCARBONATE CAN BE USED AS A COVERING TO REDUCE MAINTENANCE.

WALL

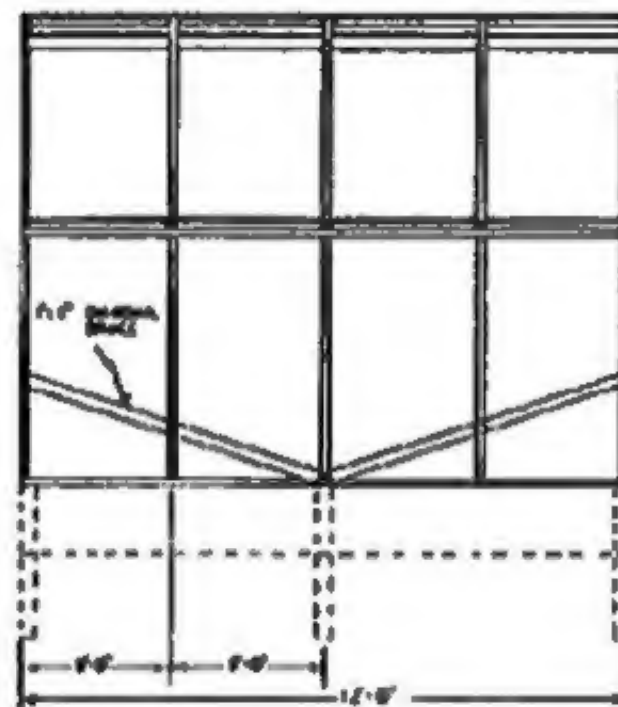
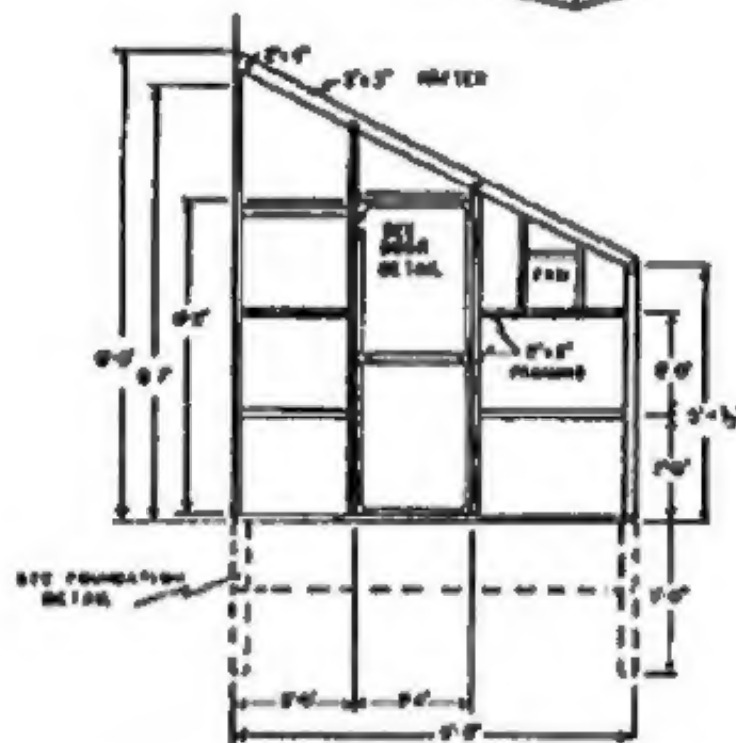
A COVER WALL OF PEA STONE OR BRICK LAY OF SAND CAN BE ADDED AFTER THE GREENHOUSE IS BUILT.

VENTILATION

A 40 INCH DIAMETER FAN WITH AUTOMATIC ON/OFFER AND THERMOSTAT SHOULD BE USED. INSTALL A 60 INCH BY 60 INCH VENTILATOR ON OPPOSITE END WALL. PLACE THERMOSTAT ALONG SIDE WALL NEAR PLANT LEVEL.

HEAT

HEAT MAY BE SUPPLIED FROM THE HOME HEATING SYSTEM OR FROM A SEPARATE HEATER. OUTPUT REQUIREMENTS CAN BE OBTAINED FROM THE FOLLOWING TABLE.



SINGLE LAYER PLASTIC OR FIVE PLY GLASS
SUNFAN
SUNFAN

	20°	30°	40°	50°	60°	70°
20°	8500	13000	17000	21000	25000	29000
30°	15700	17000	21000	25000	29000	33000
40°	17000	21000	25000	29000	33000	37000
50°	21000	25000	29000	33000	37000	41000
60°	25000	29000	33000	37000	41000	45000
70°	29000	33000	37000	41000	45000	49000

MAXIMUM HEAT REQUIREMENTS

CORPORATE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
NATIONAL DEMONSTRATION
UNIVERSITY OF CONNECTICUT
THOMAS, CONNECTICUT

U. S. DEPARTMENT OF AGRICULTURE, COLUMBIA

6' x 12' LEAN-TO GREENHOUSE

NO. 10-1000 (10-10-50) (10-10-50) (10-10-50)